

INTERNATIONAL SEARCH REPORT

Int'l Application No.
PCT/GB2005/000490

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 HO1L29/165 HO1L21/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Written documentation searched (classification system followed by classification symbols)

IPC 7 HO1L

Documentation consulted other than written documentation to the extent that such documents are included in the fields searched

Codebooks, databases consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Character of document, with indication, where appropriate, of the relevant passages	Relevant to claim no.
X	US 2002/017642 A1 (MIZUSHIMA KAZUKI ET AL) 14 February 2002 (2002-02-14) paragraph '0047! - paragraph '0052!; figures 2,7	1,4,5, 7-13,16, 18
X	US 2002/125475 A1 (CHU JACK DON ET AL) 12 September 2002 (2002-09-12) figure 3	1,4-16, 12,13, 16,18
X	WO 03/103031 A (UNIVERSITY OF WARWICK; CAPEWELL, ADAM; DANIEL; GRASBY, TIMOTHY, JOHN;) 11 December 2003 (2003-12-11) abstract; figure 2	1,4,5,7, 8,12-18



Further documents are listed in the continuation of sheet C.



Patent family numbers are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not concerned to be of particular relevance
- *C* earlier document not published prior to or after the international filing date
- *D* document which may throw doubt on novelty, claimed to be prior to the international filing date of another invention or other reasons (as, e.g., specified)
- *E* document relating to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date if priority date was not in conflict with the application but sufficient to understand the principle or theory underlying the invention
- *V* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventional step when the document is taken alone
- *C* document of particular relevance; the claimed invention cannot be considered to involve an inventional step when the document is considered with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* claimed member of the same patent family

Date of the actual completion of the International Search

19 May 2005

Date of mailing of this International search report

30/05/2005

Name and mailing address of the ISA

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C (COMBINATION) DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Statement of document, with indication, where appropriate, of the relevant passages	Reference to cited No.
X	ROMANATO F ET AL: "Continuously graded buffers for InGaAs/GaAs structures grown on GaAs" JOURNAL OF CRYSTAL GROWTH, NORTH-HOLLAND, AMSTERDAM, NL, vol. 175-176, May 1997 (1997-05), pages 1009-1015, XP004091436 ISSN 0022-0248 page 1011 - page 1014	1,2,4, 12-14, 16,18
X	FATENT ABSTRACTS OF JAPAN vol. 2003, no 11, 6 November 2003 (2003-11-06) & JP 2003 197544 A (SUMITOMO MITSUBISHI SILICON CORP), 31 July 2003 (2003-07-31) abstract	1,3-5, 7-9,12, 13,15, 16,18

INTERNATIONAL SEARCH REPORT

Information on patent family members

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